

HR31 Project Management Training																			
Revised September 1997																			
Non-Project Managers Qualification Standard (May 1995)																			
Waste Management																			
	Level Required:	F = Familiarity W = Working E = Expert D = Demonstrated Ability																	
		PMC10	PMMS5	PMMS1	PMMS2	PMMS3	PMCE01	PMCE02	PMCE03	PMMS11	PGM01	PGM02	PGM05	PGM06	PRS17	PRS25	PSIN28	PSIN29	
		Project Management Overview (Includes PMC11 Train-Train-Train)																	
		Best Practices in DOE Project Management																	
		Project Planning																	
		Cost & Schedule Estimation & Analysis																	
		Project Execution																	
		Life Cycle Cost Estimating																	
		Systems Engineering																	
		Project Risk Analysis and Management																	
		Budgeting & Accounting for DOE Program/Project Managers																	
		Program Management Overview																	
		Program Planning																	
		Program Execution, Control, & Evaluation																	
		Effective Managerial Decision Making																	
		Contracting Officer's Representative																	
		Acquisition Management for Technical Personnel																	
		Performance Based Management Contracting																	
		Life Cycle Asset Management																	
Required Competencies:																			
4.3 Working level knowledge of program management practices and how contractor resources are applied to meet waste management quality, safety, cost, and schedule commitments as described in DOE Order 4700.1, Project Management System, and DOE Technical Standard																			
4.3a. Explain the purpose of project management and describe the life cycle of a typical project			F	F	F	F	F	F	F	F	F	F	F	F		F	F	F	
4.3b. Describe typical documents and data sources utilized in project management			F	F	F	F	F	F	F	F	W	W	W	W	F	F	F	F	
4.3c. Identify and explain the major elements of a project and discuss their relationship			F	F	F	F	F	F	F	F								F	
4.3d. Explain the purpose and use of a Project Management Plan (PMP)			F	F	F	F	F										F	F	
4.3e. Discuss the role of configuration management as it relates to project management			F	F	F		F												
4.3f. Discuss the role of quality assurance as it relates to project management			F	F	F		F		F		F		F						
4.3g. Explain the use of safety plans in the management of projects			F	F	F		F				F	F							
4.3h. Discuss the relationship between work breakdown structure (WBS) and cost and schedule			F	F	F	F	F	F	F	F	F				F	F	F	F	
4.3i. Describe the purpose and use of work packages and/or planning packages			F	F	W	F	W								F		F		
4.3j. Describe the purpose of schedules and discuss the use of milestones and activities			F	F	F	F	F		F		F	W	F	F					
4.3k. Describe the critical path method of scheduling			F	F		W	F				F	F	F	F					
4.3l. Explain the concept of a project management baseline and describe the four baselines used in project management			F	F	W	W	W	F	F	F					F	F	F	F	

4.4 Working level knowledge of program plans submitted by contractors, including the evaluation of the scope and technical merit of those plans as described in DOE Order 4700.1, Project Management System, and the DOE Technical Standard, DOE-STD-1073-93, G																				
4.4a. Given appropriate data, review a Project Management Plan and report on its accuracy, as it relates to actual data						F														
4.4b. Given program data, review a Work Breakdown Structure and report on its accuracy, as it relates to actual data			F	F	F	F	F	F	F	F	F						F	F	F	F
4.4c. Given data, identify a project's critical path schedule			F	F		F	F													